AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1 to 11 (canceled).

Claim 12 (currently amended): An antiseismic support pad comprising:

a base configured to support and hold the pad on a support surface, the base including a soleplate and a bearing secured to the soleplate, the soleplate configured to rest freely on the support surface and to hold the support pad in place on the support surface without a fastener;

~~at least one~~ a spherical rolling element, the spherical rolling element being mounted in the bearing to ~~mounted to~~ rotate freely about a center of rotation in [[a]]the bearing ~~secured to the support base; and~~ ;

a support plate having a concave bearing surface and resting on the spherical rolling element via the ~~a~~ concave bearing surface, the support plate having a support plate axis substantially perpendicular to the soleplate; and ~~, wherein the base comprises:~~

~~a soleplate secured to at least one bearing, configured to rest freely on the support surface and to hold the pad in place on the support surface without a fastener, and the support pad including~~

an arrangement configured to suspend the base from the support plate and move the base resiliently in radial directions about the ~~a~~ support plate axis ~~that is substantially perpendicular to the soleplate~~ when the soleplate is not in contact with the support surface, the arrangement being connected ~~firstly~~ to the support plate and ~~secondly~~ to the ~~support~~ base ~~comprising the soleplate and the bearing~~.

Claim 13 (previously presented): The antiseismic support pad according to claim 12, wherein the concave surface of the support plate bearing against the spherical rolling element

is a surface of revolution having one of the following shapes: spherical, conical, paraboloidal and ellipsoidal.

Claim 14 (previously presented): The antiseismic support pad according to claim 12, wherein the support pad has a single spherical rolling element rotatably mounted in a ball bearing having a center of rotation disposed on the axis of the support plate.

Claim 15 (currently amended): The antiseismic support pad according to claim 12, further comprising:

a ~~plurality of~~ further spherical rolling element[[s]] ~~each~~ disposed in a further ~~respective~~ bearing, wherein centers of rotation of the bearing[[s]] and further bearing are disposed on at least one circle centered on the support plate axis ~~of the plate~~.

Claim 16 (currently amended): The antiseismic support pad according to claim 15, further comprising a center bearing having a center of rotation at the support plate axis~~wherein a central one of the bearings has a center of rotation on the axis of the plate, and the other bearings of the plurality of bearings are disposed around the axis such that centers of rotation of the spherical rolling elements of other bearings of the plurality of bearings are disposed on a circle centered on the center of rotation of the central bearing~~.

Claim 17 (currently amended): The antiseismic support pad according to claim 12, wherein the arrangement configured to suspend the base from the support plate and move the base resiliently in radial directions about the ~~a~~ support plate axis comprises:

at least three coil springs, each connected at a first longitudinal end to a peripheral portion of the support plate and at a second longitudinal end to an outer peripheral portion of the ~~support~~ base disposed inside the peripheral portion of the support plate, each of the springs having a longitudinal direction extending substantially radially relative to the plate and being upwardly inclined from an outer peripheral portion of the ~~support~~ base towards a peripheral portion of the plate, the springs being prestressed in traction so as to be configured

to move the ~~support~~ base of the bearing and of the spherical rolling element resiliently towards a position that is centered relative to the support plate axis ~~of the support plate~~ and further configured to put the spherical rolling element into contact with the concave bearing surface ~~an inner bearing surface of the plate~~ while the soleplate is not in contact with [[a]] the support surface, the ~~support~~ base freely suspended from the plate via the springs.

Claim 18 (currently amended): ~~An~~ The antiseismic pad according to claim 12, wherein the support plate comprises:

a top portion having a form of a bushing having an axis on the support plate axis ~~of the support plate~~, the bushing internally tapped over at least a fraction of its length and including a guide slot opening out in an outer side surface and extending along the axis of the support plate, the antiseismic pad further comprising an actuation shaft having a threaded portion engaged by screw-fastening in the tapped portion of the bushing of the plate along the axis of the plate, and at least one guide and engagement part in which the shaft is mounted to rotate about the axis of the support plate and secured in translation with the at least one guide part including a guide element having a guide peg inserted in the slot of the bushing of the plate for guiding the plate in axial translation, whereby turning the shaft secured in axial translation with at least one engagement and guide part so as to screw it in or out relative to the tapped opening of the bushing of the plate, causes the engagement and guide part to move in translation along the axis of the plate relative to the support plate.

Claim 19 (currently amended): A support device for supporting a structure of a transportable installation capable of being put into place on a support surface, the support device comprising:

at least three antiseismic support pads as recited in claim 12 ~~having a base configured to support and hold the pad on a support surface;~~

~~at least one spherical rolling element mounted to rotate freely about a center of rotation in a bearing secured to the support base; and~~

~~a support plate resting on the spherical rolling element via a concave bearing surface wherein the base comprises:~~

~~a soleplate secured to at least one bearing, configured to rest freely on the support surface and to hold the pad in place on the support surface without a fastener, and the support pad includes an arrangement configured to suspend the base from the support plate and move the base resiliently in radial directions about a support plate axis that is substantially perpendicular to the soleplate, the arrangement connected firstly to the support plate and secondly to the base comprising the soleplate and the bearing~~; and

a rigid frame resting on the respective support plates of the at least three antiseismic support pads.

Claim 20 (currently amended): The support device according to claim 19, wherein the device is configured to enable a vertical direction of a tall and slender structure of an installation secured to the support device to be adjusted, at least one of the at least three antiseismic support pads being adjustable and ~~the support device including at least one adjustable antiseismic pad~~ having a top portion having a form of a bushing having an axis on the axis of the respective support plate, the bushing internally tapped over at least a fraction of its length and including a guide shot opening out in a outer side surface and extending along the axis of the respective support plate, the adjustable antiseismic pad further comprising an actuation shaft having a threaded portion engaged by screw-fastening in the tapped portion of the bushing of the respective support plate along the respective support plate axis ~~of the plate~~, and at least one guide and engagement part in which the shaft is mounted to rotate about the respective support plate axis ~~of the support plate~~ and secured in translation with the at least one guide part including a guide element having a guide peg inserted in the slot of the bushing of the plate for guiding the plate in axial translation, whereby turning the shaft secured in axial translation with at least one engagement and guide part so as to screw it in or out relative to the tapped opening of the bushing of respective support plate, causes the engagement and guide part to move in translation along the respective support plate axis ~~of the plate~~ relative to the respective support plate wherein the

engagement and guide part is secured to the rigid frame of the support device and is configured to be movable in translation along the respective support plate axis ~~of the support plate~~ of the adjustable antiseismic pad by turning the actuation shaft.

Claim 21 (currently amended): The support device according to claim 20, wherein the support device has a frame of generally one of square and rectangular shape and wherein the at least three antiseismic pads include four adjustable antiseismic pads, each secured via a respective engagement and guide part to a respective corner portion of the frame.

Claim 22 (canceled).

Claim 23 (new): A method for installing an installation for examining nuclear power assemblies in a pool of a nuclear power station, the installation including a fuel assembly handling device independent of a fuel assembly handling apparatus of the nuclear power station, the method comprising:

installing the installation in the pool of the nuclear power station by attaching the installation to the support device as recited in claim 19, the support device resting on a bottom of the pool via the respective soleplates of the at least three antiseismic support pads.

Claim 24 (new): The antiseismic pad according to claim 12, wherein the bearing is a ball bearing.

Claim 25 (new): The antiseismic pad according to claim 24, wherein the ball bearing includes bearing balls, and the spherical rolling element rests on the bearing balls.